



National Aeronautics and  
Space Administration

**Principal Center for Regulatory Risk Analysis and Communication**

# Regulatory Tracking Summary

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*10 February 2012*

This report summarizes regulatory items reviewed by the NASA RRAC PC. Items that appeared to have limited interest to the NASA community, or are provided for information only, are shown in light gray text. Notes and comments by the RRAC PC are shown in bold, blue text under "Description." Related documents and citations, such as "77 FR 51967," are linked to the appropriate document for quick access. Suggested follow-up actions are noted with significant items; users are advised that other follow-up actions may be appropriate for their program or facility. Previous issues of this regulatory summary are archived on the RRAC PC website at <http://www.nasa.gov/offices/rrac/home/>. Comments, questions, suggestions, and requests for further information should be directed to the RRAC PC Manager, Sharon Scroggins at 256-544-7932 ([sharon.scroggins@nasa.gov](mailto:sharon.scroggins@nasa.gov)).

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## Acronyms

AB = Assembly Bill  
ARB = Air Resources Board  
APTI = Air Pollution Training Institute  
ASO = Aviation Safety Officer  
BAAQMD = Bay Area Air Quality Management District  
CARB = California Air Resources Board  
CASAC = Clean Air Scientific Advisory Committee  
CCR = *California Code of Regulations*  
CEC = California Energy Commission  
CEQA = California Environmental Quality Act  
CFR = *Code of Federal Regulations*  
CO = Carbon monoxide  
CPSC = Consumer Product Safety Commission  
CRNR = California Regulatory Notice Register  
DAPC = Division of Air Pollution Control  
DAR = Division of Administrative Rules  
DSW = Division of Surface Water  
EIS = Environmental Impact Statement  
EKAPCD = Eastern Kern Air Pollution Control District  
EPA = U.S. Environmental Protection Agency  
ERC = Environmental Regulation Commission  
ESA = Endangered Species Act  
F.A.C. = Florida Administrative Code  
FAW = *Florida Administrative Weekly*  
FDEP = Florida Department of Environmental Protection  
FR = *Federal Register*  
GHG = Greenhouse gas  
GWP = Global warming potential  
HCl = Hydrochloric acid  
HFC = Hydrofluorocarbon  
HGB = Houston/Galveston/Brazoria  
IA = Implementing Agreement  
IRIS = Integrated Risk Information System  
ISA = Integrated Science Assessment  
KSC = Kennedy Space Center  
LCPFC = Long-chain perfluorinated chemical  
MACT = Maximum achievable control technology  
MDE = Maryland Department of the Environment  
Md.R. = *Maryland Register*  
NAAQS = National Ambient Air Quality Standard

NASA = National Aeronautics and Space Administration  
NESHAP = National Emission Standards for Hazardous Air Pollutants  
NO<sub>2</sub> = Nitrogen dioxide  
NO<sub>x</sub> = Nitrogen oxides  
NOAA = National Oceanic and Atmospheric Administration  
NPDES = National Pollutant Discharge Elimination System  
NTP = National Toxicology Program  
OEHHA = Office of Environmental Health Hazard Assessment  
OAC = Ohio Administrative Code  
OAL = Office of Administrative Law  
OEPA = Ohio Environmental Protection Agency  
PFOA = Perfluorooctanoic acid  
PM = Particulate matter  
QA/QC = Quality assurance/quality control  
RIN = Regulatory Identification Number  
ROC = Reactive organic compound  
RRAC PC = Principal Center for Regulatory Risk Analysis and Communication  
SCAQMD = South Coast Air Quality Management District  
SDEIS = Supplemental Draft Environmental Impact Statement  
SJRWMD = St John's River Water Management District  
SIP = State Implementation Plan  
SNUR = Significant New Use Rule  
SO<sub>2</sub> = Sulfur dioxide  
TMDL = Total maximum daily load  
TU MSHCP = Tehachapi Uplands Multiple Species Habitat Conservation Plan  
UF = University of Florida  
U.S. = United States  
USFWS = U.S. Fish and Wildlife Service  
VAC = Virginia Administrative Code  
VA.R. = *Virginia Register*  
VCAPCD = Ventura County Air Pollution Control District  
VDEQ = Virginia Department of Environmental Quality  
VOC = Volatile organic compound

# 1.0 U.S. Federal Regulatory Review

## 1.1 Federal Register Summary

This summary includes FR items that were reviewed for potential impacts to NASA Centers and related operations.

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions																
FED021012-1	Air Air Quality	01/31/2012	<a href="#">77 FR 4808</a>	Notice Workshop	U.S. Environmental Protection Agency Conference on Air Quality Modeling Announces the Tenth Conference on Air Quality Modeling to provide an overview of the latest features of EPA's preferred air quality models and to provide a forum for public review and comment about how EPA will determine and apply air quality models in the future. <a href="#">Conference agenda</a> is available for review. Conference is scheduled for 03/13/2012 through 03/15/2012 in Research Triangle Park, North Carolina. Comments due 04/16/2012.																	
FED021012-2	Air GHGs– Fluorinated Gases	02/03/2012	<a href="#">77 FR 5514</a>	Notice	U.S. Environmental Protection Agency Mandatory Reporting of Greenhouse Gases: Notice of Preliminary Determinations Regarding Requests To Use Provisional Global Warming Potentials Under the Fluorinated Gas Production Category of the Greenhouse Gas Reporting Rule Announces preliminary determinations regarding requests to use provisional GWPs for eight fluorinated GHGs for purposes of certain calculations in the Fluorinated Gas Production portion of the Mandatory Greenhouse Gas Reporting Rule. EPA's preliminary determination is that the requests for the following seven fluorinated GHGs meet the requirements of the rule: <table><thead><tr><th>GHG</th><th>Provisional GWP</th></tr></thead><tbody><tr><td>HFC 1234ze</td><td>6</td></tr><tr><td>Hexafluoropropylene</td><td>0 .25</td></tr><tr><td>Perfluoromethyl vinyl ether</td><td>3</td></tr><tr><td>Tetrafluoroethylene</td><td>0 .02</td></tr><tr><td>Trifluoro propene</td><td>3</td></tr><tr><td>Vinyl fluoride</td><td>0 .7</td></tr><tr><td>Vinylidene fluoride</td><td>0 .9</td></tr></tbody></table> Comments due 02/21/2012.	GHG	Provisional GWP	HFC 1234ze	6	Hexafluoropropylene	0 .25	Perfluoromethyl vinyl ether	3	Tetrafluoroethylene	0 .02	Trifluoro propene	3	Vinyl fluoride	0 .7	Vinylidene fluoride	0 .9	
GHG	Provisional GWP																					
HFC 1234ze	6																					
Hexafluoropropylene	0 .25																					
Perfluoromethyl vinyl ether	3																					
Tetrafluoroethylene	0 .02																					
Trifluoro propene	3																					
Vinyl fluoride	0 .7																					
Vinylidene fluoride	0 .9																					
FED021012-3	Air NAAQS–NO <sub>x</sub>	02/10/2012	<a href="#">77 FR 7149</a>	Notice Workshop	U.S. Environmental Protection Agency Notice of Workshop and Call for Information on Integrated Science Assessment for Oxides of Nitrogen Announces the following: <ul style="list-style-type: none"><li>Preparation of an ISA to update the scientific assessment presented in the <a href="#">Integrated Science Assessment for Oxides of Nitrogen–Health Criteria</a> (July 2008)</li><li>Requests research studies that have been published, accepted for publication, or presented at a public scientific meeting</li><li>Workshop entitled "Kickoff Workshop to Inform EPA's Review of the Primary NO<sub>2</sub> NAAQS" scheduled for 02/29/2012 through 03/01/2012 in Research Triangle Park, North Carolina Comments due 03/09/2012.</li></ul>																	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED021012-4	Air NESHAP– Chemical Manufacturing Area Sources	01/30/2012	<a href="#">77 FR 4522</a>	Proposed Rule	U.S. Environmental Protection Agency National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources [40 CFR Part 63] Proposes the following: <ul style="list-style-type: none"> <li>Revisions to the approach for addressing malfunctions</li> <li>Amendments and technical corrections to the final rule to clarify applicability and compliance issues</li> </ul> EPA also is reconsidering and requesting comments regarding several final rule provisions. Comments due 03/30/2012. [RIN 2060-AQ89]	
FED021012-5	Air NESHAPs– Chrome	02/08/2012	<a href="#">77 FR 6627</a>	Proposed Rule	U.S. Environmental Protection Agency National Emission Standards for Hazardous Air Pollutant Emissions: Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks; and Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants [40 CFR Part 63] Modifies previously proposed amendments ( <a href="#">75 FR 65068</a> , 10/21/2010) to the following NESHAPs: <ul style="list-style-type: none"> <li>Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks</li> <li>Steel Pickling-HCl Process Facilities and Hydrochloric Acid Regeneration Plants</li> </ul> Proposed amendments include the following: <ul style="list-style-type: none"> <li>Revisions based on a new technology review and a new residual risk analysis for chromium electroplating and anodizing facilities</li> <li>Removal of an alternative compliance method for steel pickling hydrochloric acid regeneration plants</li> <li>Incorporation of electronic reporting requirements into both NESHAPs</li> </ul> Comments due 03/26/2012. [RIN 2060-AQ60]	<a href="#">NASA-related operations</a> using materials produced in covered processes or conducting covered processes should be aware of the proposed changes.
FED021012-6	Air Ozone	02/09/2012	<a href="#">77 FR 6796</a>	Notice Meeting	U.S. Environmental Protection Agency Notification of a Public Meeting of the Clean Air Scientific Advisory Committee (CASAC); Ozone Review Panel Announces a public teleconference to discuss a draft review of <a href="#">EPA's Integrated Science Assessment for Ozone and Related Photochemical Oxidants (Second External Review Draft–September 2011)</a> . Teleconference is scheduled for 03/09/2012.	
FED021012-7	Species Sei Whales	02/03/2012	<a href="#">77 FR 5491</a>	Notice	National Oceanic and Atmospheric Administration Endangered and Threatened Species; Initiation of 5-Year Review for Sei Whales Announces a 5-year review of sei whales under the ESA and requests submission of information about sei whales that has become available since 1999. Information due 04/03/2012. [RIN 0648-XA977] <a href="#">Further information about sei whales is posted on the NOAA website.</a>	

Tracking Number	Subject	Date Published	Citation	Type Action	Description	Suggested Actions
FED021012-8	Toxic Substances	02/09/2012	<a href="#">77 FR 6800</a>	Notice	Department of Health and Human Services Notice of Development of Set 25 Toxicological Profiles  Announces development of Set 25 Toxicological Profiles, which will consist of updated profiles for the following: <ul style="list-style-type: none"> <li>▪ Hexachlorobenzene</li> <li>▪ Endosulfans</li> <li>▪ 1,1-Dichloroethane</li> <li>▪ Dinitrotoluenes</li> </ul> <a href="#">Profiles</a> will be available for review on or about 10/17/2012.	
FED021012-9	Toxic Substances Lead	02/02/2012	<a href="#">77 FR 5247</a>	Notice	U.S. Environmental Protection Agency Draft Integrated Science Assessment for Lead  Announces availability of a document titled, " <a href="#">Second External Review Draft Integrated Science Assessment for Lead</a> ". Comments due 04/02/2012.	
FED021012-10	Toxic Substances Phthalates	01/30/2012	<a href="#">77 FR 4544</a>	Notice Workshop	Consumer Product Safety Commission CPSC Symposium on Phthalates Screening and Testing Methods  Announces a <a href="#">symposium</a> about phthalates screening and testing methods scheduled for 03/01/2012 in Rockville, Maryland. Comments due 02/27/2012.	
FED021012-11	Toxic Substances Tris Carbamoyl Triazine	02/08/2012	<a href="#">77 FR 6476</a>	Final Rule	U.S. Environmental Protection Agency Modification of Significant New Uses of Tris Carbamoyl Triazine [40 CFR Part 721]  Finalizes an amendment to the SNUR for tris carbamoyl triazine. Persons who intend to manufacture, import, or process the chemical substance for a use that is designated as a significant new use by this final rule are required to notify EPA at least 90 days before beginning that activity. Effective 03/09/2012. [RIN 2070-AB27]	
FED021012-12	Toxic Substances Vanadium Pentoxide	02/06/2012	<a href="#">77 FR 5797</a>	Notice Meeting	U.S. Environmental Protection Agency Draft Toxicological Review of Vanadium Pentoxide: In Support of Summary Information on the Integrated Risk Information System (IRIS)  Announces an external scientific peer review meeting to review the draft human health assessment titled, " <a href="#">Toxicological Review of Vanadium Pentoxide: In Support of Summary Information on the Integrated Risk Information System (IRIS)</a> ". Meeting is scheduled for 03/07/2012 in Arlington, Virginia.	

## 1.2 Other News and Developments

### 1.2.1 2012 FedFleet Conference

The 2012 FedFleet Conference will host 40 workshops regarding the management and performance of motor vehicle and aviation fleets operated by the federal government. Workshops will cover current technology, policy updates, standards, and industry developments in transportation, aviation, personal property, real property, and motor vehicles. Session topics will include transportation freight policy, procurement, alternative fuels, alternative fuel vehicles, sustainability, efficient management techniques, results-driven performance, disposal of special items, federal surplus property donation program, building performance, and fleet and budget reporting requirements. FedFleet 2012 also will offer an Aviation Safety Officer (ASO) Workshop, to allow federal aviation safety professionals the ability to earn the ASO certificate.

The 2012 FedFleet Conference will be held from 26 to 28 June 2012 in Louisville, Kentucky. More information regarding the conference is provided on the 2012 FedFleet Conference [website](#).

### 1.2.2 EPA Releases the Water and Wastewater Sustainability Handbook

EPA released a handbook, "[Planning for Sustainability: A Handbook for Water and Wastewater Utilities](#)," outlining sustainability considerations that water and wastewater utilities should adopt to make certain that water infrastructure investments are cost-effective over their lifecycle and are resource efficient.

Core elements of the handbook include the following:

- Setting utility sustainability goals and objectives that also support relevant community goals.
- Analyzing a range of alternatives based on full life-cycle costs.
- Implementing a financial strategy to ensure that the alternatives selected are sufficiently funded, operated, maintained, and replaced over time.

More information about the handbook is available on the EPA [website](#).

### 1.2.3 EPA's Air Pollution Training Institute

EPA's Air Pollution Training Institute (APTI) is offering the following upcoming courses:

Dates	Course Title	Location
02/27/2012	APTI 455, Inspection of Gas Control Devices and Selected Industries	Atlanta, Georgia
03/07/2012 03/08/2012	Climate Adaptation Data and Tools	Boston, Massachusetts
03/14/2012	CARB #271, Stationary Reciprocating Engines	Baton Rouge, Louisiana
03/15/2012 03/16/2012	CARB #299, Theory & Application of Air Pollution Control Devices	Baton Rouge, Louisiana
03/20/2012 03/22/2012	Air Dispersion Model Applications Course (APTI 423)	Harrisburg, Pennsylvania
03/26/2012 03/30/2012	QA/QC for Air Pollution Measurement Systems (APTI 470)	Olympia, Washington
03/26/2012 03/30/2012	Analytical Methods for Air Quality Standards (APTI 464)	Indianapolis, Indiana
03/27/2012	CARB #221, Continuous Emission Monitoring	Topeka, Kansas
03/28/2012	CARB #290, MACT: General Background Information	Topeka, Kansas

More information about upcoming APTI training courses is included on the EPA [website](#).

### 1.2.4 Chemical Manufacturers Report Reduction of LCPFC Production

EPA has released summary tables and 2011 progress reports from companies participating in the [2010/15 Perfluorooctanoic Acid \(PFOA\) Stewardship Program](#). Under the program, eight major fluoropolymer and telomer manufacturers have agreed to phase out emissions and use of long-chain perfluorinated chemicals (LCPFCs), including PFOA, by the end of 2015. The companies reported that more than 150 materials have been developed that could be used as alternatives to LCPFCs, which currently are used in hundreds of manufacturing and industrial applications.

### 1.2.5 IRIS Health Assessment Finalized for Perc

On 10 February 2012, EPA posted an updated final health assessment for tetrachloroethylene, also known as perchloroethylene or "perc," to the IRIS database. The final health assessment, which replaces the 1988 assessment, provides estimates for both cancer and non-cancer effects associated with lifetime exposure and characterizes perc as a "likely human carcinogen." As a result of the updated toxicity values reported in the IRIS assessment, EPA will consider the following actions:

- Establishing cleanup levels at Superfund sites where perc is a contaminant.
- Revising the drinking water maximum contaminant level for perc as part of the carcinogenic volatile organic compounds group.
- Evaluating whether to propose additional limits on perc emissions because perc is considered a hazardous air pollutant under the Clean Air Act.

Perc is a solvent used in the dry cleaning industry, precision cleaning, chemical manufacturing, and the formulation of coatings and other materials. More information about the perc IRIS assessment is posted on the EPA [website](#).

### 1.3 NASA Regulatory Communication Working Group Updates

Regulatory Communication Working Group calls in 2012 will be held on the following Wednesdays at 10 a.m. CT:

- |            |                |
|------------|----------------|
| • 21 March | • 15 August    |
| • 18 April | • 19 September |
| • 16 May   | • 17 October   |
| • 20 June  | • 21 November  |
| • 18 July  |                |



## 2.0 State Regulatory Reviews

The following sections provide details about the regulatory actions reviewed for selected states in which NASA facilities and related operations are located.

### 2.1 Alabama State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Alabama.

### 2.2 California State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in California.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA021012-1	Air	02/06/2012	<a href="#">ARB Website</a>	Notice Workshop	California Air Resources Board  Public Workshop to Discuss Proposed Amendments to the Area Designations for State Ambient Air Quality Standards  Announces a teleconference and webinar workshop on proposed area designations for state ambient air quality standards. <a href="#">Webinar workshop</a> is scheduled for 02/21/2012. Meeting materials will be made available on the <a href="#">ARB website</a> .	
CA021012-2	Air Emissions	01/31/2012	<a href="#">ARB Website</a>	Notice	California Air Resources Board  Truck and Bus Regulation  Announces an extension of the vehicle reporting deadline under the <a href="#">Truck and Bus Regulation</a> to 03/30/2012. The purpose of this regulation is to reduce diesel exhaust emissions from privately owned and federal government diesel trucks and buses with a gross vehicle weight rating greater than 14,000 pounds. Under this regulation, owners will need to equip these vehicles with an engine meeting 2010 model year emission standards by 01/01/2023.	
CA021012-3	Energy Policy	01/25/2012	<a href="#">CEC Website</a>	Notice	California Energy Commission  Integrated Energy Policy Report  Announces availability of the <a href="#">2011 Integrated Energy Policy Report, Lead Commissioner Final Report</a> .	
CA021012-4	Occupational Safety Airborne Contaminants	02/03/2012	<a href="#">CRNR 2012, 5z, p. 127</a>	Notice	Occupational Safety and Health Standards Board  Airborne Contaminants [8 CCR 5155]  Announces removal of an outdated source from one subdivision of an appendix to 8 CCR 5155. Additional information is available on the <a href="#">OSHSB website</a> .	
CA021012-5	Occupational Safety Vehicle Exhaust Retrofits	02/10/2012	<a href="#">CRNR 2012, 6z, p. 152</a>	Final Rule	Occupational Safety and Health Standards Board  Vehicle Exhaust Retrofits [8 CCR 1504, 1591, and 1597]  Amends standards for certain off-road diesel-powered equipment exhaust retrofits to ensure that they do not obstruct operator vision or create other safety hazards for employees. Also adds a non-mandatory vision testing procedure. Effective 03/02/2012.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA021012-6	Recycling Carpet	02/10/2012	<a href="#">CRNR 2012, 6z, p. 151</a>	Final Rule	<p>Department of Resources Recycling and Recovery</p> <p>Product Stewardship for Carpet [14 CCR 18940-5, 18945.1-.3, and 18946-8]</p> <p>Adopts regulations to implement a Product Stewardship for Carpet Program, including the following:</p> <ul style="list-style-type: none"> <li>▪ Defined terms and a procedure for submittal of Carpet Stewardship Plans</li> <li>▪ Standards for review and approval, record keeping, inspection and annual reporting, penalties for violations, and fees</li> </ul> <p>Effective 01/26/2012.</p>	
CA021012-7	Species	02/03/2012	<a href="#">77 FR 5564</a>	Notice	<p>U.S. Fish and Wildlife Service</p> <p>Tehachapi Uplands Multiple Species Habitat Conservation Plan; Kern County, California</p> <p>Announces availability of an <a href="#">SDEIS for the TU MSHCP and the draft TU MSHCP and IA</a>, which addresses 2009 Draft EIS comments and considers a USGS 2010 analysis on the California condor's presence in and around the TU MSHCP Covered Lands. <a href="#">Additional information</a> is available for review. Comments due 05/03/2012.</p>	
CA021012-8	Species California Rails	02/03/2012	<a href="#">CRNR 2012, 5z, p. 107</a>	Notice	<p>California Department of Fish and Game</p> <p>Proposed Research on Fully Protected Species; Population Monitoring of California Rails</p> <p>Announces receipt of a request to identify population trends and newly populated habitat through presence/absence surveys for the following:</p> <ul style="list-style-type: none"> <li>▪ Light-footed clapper rails</li> <li>▪ Yuma clapper rails</li> <li>▪ California black rails</li> </ul> <p>If the Department determines that the proposed research is consistent with the requirements for take of Fully Protected birds, it would issue the authorization to carry out the proposed activities on or after 03/03/2012 for an initial and renewable term of 2 years. The permit would be statewide, and not limited to any specific location in California.</p>	
CA021012-9	Toxic Substances	02/10/2012	<a href="#">CRNR 2012, 6z, p. 147</a>	Proposed Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Request for Relevant Information on Chemicals Being Considered for Listing by the Authoritative Bodies Mechanism</p> <p>Proposes to list the following as known to the State to cause cancer:</p> <ul style="list-style-type: none"> <li>▪ Isopyrazam</li> <li>▪ Beta-myrcene</li> <li>▪ Pulegone</li> <li>▪ 3,3',4,4'-tetrachloroazobenzene</li> </ul> <p>Additional information is available on the <a href="#">OEHHA website</a>. Comments due 04/10/2012.</p>	
CA021012-10	Toxic Substances Kresoxim-Methyl	02/03/2012	<a href="#">CRNR 2012, 5z, p. 125</a>	Final Rule	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemical Listed Effective as Known to the State of California to Cause Cancer</p> <p>Announces addition of kresoxim-methyl to the list of chemicals known to California to cause cancer. (<a href="#">CRNR 2011, 48z, p. 1942</a>, 12/02/2011) Effective 02/03/2012.</p>	
CA021012-11	Toxic Substances Proposition 65	02/03/2012	<a href="#">CRNR 2012, 5z, p. 107</a>	Notice	<p>Office of Environmental Health Hazard Assessment</p> <p>Chemicals Known to the State to Cause Cancer or Reproductive Toxicity</p> <p>Announces availability of the updated <a href="#">list of substances known to the state to cause cancer or reproductive toxicity</a>.</p>	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CA021012-12	Toxic Substances Proposition 65	02/10/2012	<a href="#">CRNR 2012, 6z, p. 152</a>	Final Rule	Office of Environmental Health Hazard Assessment Chemicals Known to the State to Cause Cancer or Reproductive Toxicity [27 CCR 27001] Announces availability of the <a href="#">printed version</a> of the listing of "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity." Hard copy version includes multiple chemicals added to the list throughout 2011. Effective 11/18/2011.	
CA021012-13	Water NPDES	02/08/2012	<a href="#">SWRCB Website</a>	Proposed Rule	State Water Resources Control Board Proposed Amendment to the Statewide General NPDES Permit for Residual Pesticide Discharges to Waters of the United States from Vector Control Applications Proposes to: <ul style="list-style-type: none"> <li>Remove limiting language of "in the same chemical family"</li> <li>Make additional minor modifications to notification requirements</li> <li>Make minor changes for clarification purposes</li> <li>Add two new pesticide products.</li> </ul> Further information, including the <a href="#">proposed Vector Control Permit amendment</a> , is available on the <a href="#">website</a> . Comments are due 03/12/2012. <a href="#">Hearing</a> is scheduled for 04/03/2012 in Sacramento, California.	

## 2.2.1 Climate Action Reserve Upcoming Events

The Climate Action Reserve has announced several events of potential interest to NASA facilities, including the following:

Date	Event	Location
02/24/2012	<a href="#">Protocol Specific Lead Verifier Certification Exams</a>	Los Angeles, California
03/01/2012	<a href="#">General Project Verification Training</a>	Los Angeles, California
03/01/2012	<a href="#">Introduction to the Climate Action Reserve and the California Offsets Market</a>	Webinar
03/14/2012	<a href="#">Legal Issues Related to AB32, Cap-and-Trade and California Offsets</a>	Webinar
03/14/2012	<a href="#">Protocol Specific Lead Verifier Certification Exams</a>	Los Angeles, California
04/10/2012 – 04/12/2012	<a href="#">Navigating the American Carbon World Conference</a>	San Francisco, California

For additional information and registration, see the [Climate Action Reserve Event Calendar](#).

## 2.2.2 California Air Districts Regulatory Review

### 2.2.2.1 Antelope Valley Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Antelope Valley Air Quality Management District](#).

### 2.2.2.2 Bay Area Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Bay Area Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAB021012-1	Air	02/08/2012	<a href="#">BAAQMD Website</a>	Notice Workshop	Bay Area Air Quality Management District Fees [Regulation 3]  Announces a public workshop to discuss proposed fee amendments, including district fee schedule increases and addition of the following fees: <ul style="list-style-type: none"> <li>Inspection fee for sites required to have an Asbestos Dust Mitigation Plan</li> <li>Renewal fee for persons operating boilers, steam generators, and process heaters</li> </ul> Workshop is scheduled for 02/28/2012 in San Francisco, California. Comments due 03/13/2012.	

### 2.2.2.3 Eastern Kern Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Eastern Kern Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAE021012-1	Air GHGs	02/01/2012	<a href="#">EKAPCD Website</a>	Notice Hearing	Eastern Kern Air Pollution Control District California Environmental Quality Act (CEQA) Guidelines  Announces a public hearing to discuss a proposed addendum to the EKAPCD CEQA Guidelines titled, " <a href="#">Addressing GHG Emission Impacts for Stationary Source Projects When Serving as the Lead CEQA Agency</a> ". Hearing is scheduled for 03/08/2012 in Ridgecrest, California. Comments due 03/07/2012.	

### 2.2.2.4 Mojave Desert Air Quality Management District

No regulatory items of interest were identified during this reporting period for the [Mojave Desert Air Quality Management District](#).

### 2.2.2.5 South Coast Air Quality Management District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [South Coast Air Quality Management District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS021012-1	Air Engines-NO <sub>x</sub> , PM	01/25/2012	<a href="#">SCAQMD Website</a>	Proposed Rule	South Coast Air Quality Management District Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines [Rule 1470]  Proposes amendments to Rule 1470 to revise NO <sub>x</sub> and PM emissions limits for the following: <ul style="list-style-type: none"> <li>Stationary emergency standby engines</li> <li>Stationary standby direct-drive fire pump engines</li> <li>Stationary emergency standby direct-drive flood control pump engines installed or to be installed on or after 01/01/2011</li> </ul> Public hearing is scheduled for 03/02/2012 in Diamond Bar, California. Comments due 02/21/2012.	

Tracking Number.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAS021012-2	Air Engines–Biogas	02/03/2012	<a href="#">SCAQMD Website</a>	Proposed Rule	South Coast Air Quality Management District Emissions from Gaseous- and Liquid-Fueled Engines [Rule 1110.2]  Proposes to establish a 07/01/2014 compliance date for biogas engines to meet NO <sub>x</sub> , CO, and VOC emission standards set forth in the 2008 amendment of Rule 1110.2. The previous compliance date was 07/01/2012. Public workshop is scheduled for 02/23/2012 in Diamond Bar, California. Comments due 03/08/2012.	

### 2.2.2.6 Ventura County Air Pollution Control District

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the [Ventura County Air Pollution Control District](#).

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
CAV021012-1	Air Solvent Cleaning	01/26/2012	<a href="#">VCAPCD Website</a>	Notice Workshop	Ventura County Air Pollution Control District Solvent Cleaning Requirements for Aerospace Assembly and Component Manufacturing [Rule 74.13], Adhesive and Sealants [Rule 74.20], Marine Coating Operations [74.24], and Pleasure Craft Coating and Commercial Boatyard Operations [Rule 74.24.1]  Announces a workshop to discuss proposed revisions to Rules 74.13, 74.20, 74.24, and 74.24.1. Proposed revisions would further reduce ROC emissions from solvent cleaning operations. Public meeting is scheduled for 02/23/2012 in Ventura, California.	<a href="#">NASA-related operations</a> in VCAPCD should be aware of the proposed revisions.

## 2.3 Florida State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in the Florida.

Tracking Number.	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL021012-1	Air, Waste, Water	02/03/2012	<a href="#">FAW Notice #10996228</a>	Notice Meeting	Department of Environmental Protection Environmental Regulation Commission Brief  Announces a meeting to brief the ERC on proposed revision status for the following chapters: <ul style="list-style-type: none"> <li>Chapter 62-302, F.A.C. (Surface Water Quality Standards)</li> <li>Chapter 62-303, F.A.C. (Identification of Impaired Surface Waters)</li> </ul> FDEP will seek approval from the Commission for proposed amendments of the following rules: <ul style="list-style-type: none"> <li>Chapter 62-701, F.A.C. (Solid Waste Management Facilities)</li> <li>Chapter 62-210, F.A.C. (Stationary Sources–General Requirements)</li> </ul> Meeting is scheduled for 02/16/2012 in Tallahassee, Florida.	

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
FL021012-2	Species Atlantic Sturgeon	02/06/2012	<a href="#">77 FR 5913</a>	Final Rule	National Marine Fisheries Service  Endangered and Threatened Wildlife and Plants; Final Listing Determinations for Two Distinct Population Segments of Atlantic Sturgeon ( <i>Acipenser oxyrinchus oxyrinchus</i> ) in the Southeast [50 CFR Part 224]  Finalizes listing of the Carolina and South Atlantic distinct population segments of Atlantic Sturgeon as endangered under the ESA. Effective 04/06/2012. [RIN 0648-XN50]	<b>KSC</b> should be aware of this action.
FL021012-3	Water	02/10/2012	<a href="#">FAW Notice #11015628</a>	Notice Meeting	St. Johns River Water Management District  18th Annual Public Interest Environmental Law Conference  Announces a conference to discuss the evolution of water law and policy. Conference is scheduled for 02/23/2012 through 02/25/2012 in Gainesville, Florida. Further information, including the <a href="#">agenda</a> , is available on the conference <a href="#">website</a> .	
FL021012-4	Water SJRWMD	02/10/2012	<a href="#">FAW Notice #11019702</a>	Notice Meeting	St. Johns River Water Management District  Upper Basin and Fellsmere Water Management Area Projects Meeting  Announces a meeting to discuss updates of the Upper Basin project, Fellsmere Water Management area, and associated projects. Meeting is scheduled for 02/20/2012 in Palm Bay, Florida.	

## 2.4 Louisiana State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Louisiana.

## 2.5 Maryland State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Maryland.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
MD021012-1	Water NPDES	02/10/2012	<a href="#">39:3 Md. R. 306</a>	Final Rule	Department of the Environment, Water Management Administration  Notice of Final Determination on General Permit for Discharges from Tanks, Pipes, and other Liquid Containment Structures at Facilities other than Oil Terminals  Reissues state NPDES general permit for Discharges from Tanks, Pipes, and other Liquid Containment Structures at Facilities other than Oil Terminals (NPDES No. MDG67). Revisions include grammatical corrections and reorganization. Petitions for judicial review due 03/10/2012.	
MD021012-2	Water Surface Water Quality	02/10/2012	<a href="#">39:3 Md. R. 308</a>	Notice Meeting	Department of the Environment  Draft 2012 Integrated Report  Announces an informational public meeting to discuss <a href="#">Maryland's Draft 2012 Integrated Report of Surface Water Quality</a> . Public meeting is scheduled for 03/12/2012 in Baltimore, Maryland.	
MD021012-3	Water TMDL	01/26/2012	<a href="#">MDE Website</a>	Notice	Department of the Environment  Phase II Watershed Implementation Plan for the Chesapeake Bay  Announces availability of Maryland's <a href="#">Draft Phase II Watershed Implementation Plan</a> for the Chesapeake Bay. Comments due 03/09/2012.	

## 2.6 Mississippi State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of Mississippi.

## 2.7 New Mexico State Regulatory Review

No regulatory items of interest were identified during this reporting period for the state of New Mexico.

## 2.8 Ohio State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Ohio.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
OH021012-1	Air Air Quality	02/03/2012	<a href="#">DAPC Website-What's New</a>	Proposed Rule	Division of Air Quality, Ohio Environmental Protection Agency  Ambient Air Quality and Emergency Episode Standards [OAC 3745-25]  Proposes updates to Ohio's ambient air quality standards to make them equivalent to their federal counterparts. Further details regarding the proposed rule, including the <a href="#">rule language</a> , <a href="#">interested party notice</a> , and <a href="#">synopsis</a> , are available on the OEPA <a href="#">website</a> . Comments due 03/07/2012.	
OH021012-2	Air Open Burning	01/30/2012	<a href="#">DAPC Website-What's New</a>	Proposed Rule	Division of Air Quality, Ohio Environmental Protection Agency  Open Burning Regulations [OAC 3745-19]  Proposes minor updates for clarification. Further details regarding the proposed rule, including the <a href="#">rule language</a> , <a href="#">public hearing notice</a> , and <a href="#">synopsis</a> , are available on the OEPA <a href="#">website</a> . Public hearing is scheduled for 03/09/2012 at OEPA Central Office, Columbus, Ohio. Comments due 03/09/2012.	
OH021012-3	Water Water Quality	02/01/2012	<a href="#">DSW Website-What's New</a>	Notice	Division of Surface Water, Ohio Environmental Protection Agency  Water Quality Standards [OAC 3745-1]  Announces withdrawal of the Division of Surface Water–Water Quality Standards and 401 Water Quality Certification Rule Package. The package will be further reviewed through the Common Sense Initiative process. Further details, including the press release, are available on the OEPA <a href="#">website</a> .	

## 2.9 Texas State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Texas.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
TX021012-1	Air NAAQS–Ozone	02/01/2012	<a href="#">77 FR 4937</a>	Proposed Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Texas; Determination of Failure to Attain the One-Hour Ozone Standard [40 CFR Part 52]  Proposes to determine that the HGB area did not attain the 1-hour ozone NAAQS by its applicable attainment date (11/15/2007). Comments due 03/02/2012.	<a href="#">JSC</a> should be aware of this action.

## 2.10 Utah State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA-related operations in Utah.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
UT021012-1	Air General Requirements	02/01/2012	<a href="#">UT Bull. Vol. 2012-3: DAR File No. 35615</a>	Proposed Rule	Utah Department of Environmental Quality; Division of Air Quality General Requirements: Version of Code of Federal Regulations Incorporated By Reference [R307-101-3] Proposes an amendment to incorporate by reference changes to the CFR as posted in the Federal Register through 07/01/2011 and to clarify which version of the CFR is adopted by the Utah Air Quality Board. Comments due 03/02/2012.	

## 2.11 Virginia State Regulatory Review

This summary includes items that were reviewed for potential impacts to NASA Centers and related operations in Virginia.

Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA021012-1	Air SIP-SO <sub>2</sub>	02/03/2012	<a href="#">77 FR 5400</a>	Final Rule	U.S. Environmental Protection Agency Approval and Promulgation of Air Quality Implementation Plans; Amendments to Virginia's Regulation regarding the Sulfur Dioxide National Ambient Air Quality Standard [40 CFR Part 52] Approves Virginia's SIP revision pertaining to the 1-hour primary NAAQS for SO <sub>2</sub> . Effective 03/05/2012.	
VA021012-2	Energy Renewable Energy-Solar	01/30/2012	<a href="#">28:11 VA.R. 952-963</a>	Proposed Rule	Virginia Department of Environmental Quality Small Renewable Energy Projects (Solar) Permit by Rule [9VAC15-60] Proposes to develop requirements for permit-by-rule for solar-energy projects with a rated capacity not exceeding 100 megawatts. Comments due 03/30/2012.	
VA021012-3	Species Atlantic Sturgeon	02/06/2012	<a href="#">77 FR 5879</a>	Final Rule	U.S. Department of Commerce, National Oceanographic and Atmospheric Administration, National Marine Fisheries Service Endangered and Threatened Wildlife and Plants; Threatened and Endangered Status for Distinct Population Segments of Atlantic Sturgeon in the Northeast Region [50 CFR Parts 223 and 224] Lists the Chesapeake Bay Distinct Population Segment of the Atlantic Sturgeon as endangered. Effective 04/06/2012.	
VA021012-4	Water Stormwater	01/30/2012	<a href="#">28:11 VA.R. 944</a>	Notice	Virginia Department of Conservation and Recreation, Soil and Water Conservation Board Virginia Stormwater Management Regulations [4VAC50-60] Withdraws the notice of intended regulatory action ( <a href="#">26:9 VA.R. 1186</a> , 01/04/2010), which proposed to establish water quality design criteria for new development activities within the Chesapeake Bay Watershed.	



Tracking Number	Subject	Date Published	Ref. Page	Type Action	Description	Suggested Actions
VA021012-5	Water Water Quality	01/30/2012	<a href="#">28:11 VA.R. 994</a>	Notice	Virginia Department of Environmental Quality Citizen Nomination of Surface Waters for Water Quality Monitoring Solicits nominations for inclusion of water bodies or stream segments in VDEQ's water quality monitoring program. Nominations must be submitted following the <a href="#">VDEQ guidance</a> . Nominations due 04/30/2012.	